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BADEN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Robert BELLMAN et al.

Title:

USING DEUTERATED SOURCE

GASSES TO FABRICATE LOW

LOSS GeSiON SiON

WAVEGUIDES

Appl. No.:

10/608,432

Filing Date:

June 30, 2003

Examiner:

H. Hyeon

Art Unit:

2839

AMENDMENT AND REPLY UNDER 37 C.F.R § 1.111

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated December 9, 2004, concerning the above-referenced patent application.

Amendments to the Abstract are presented as a new Abstract attached to this document for insertion after the claim pages of the application (or to replace the previously submitted Abstract).

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this document.

Amendments to the Drawings begin on page 7 of this document, and include an attached replacement drawing sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page 8 of this document.

Please amend the application as follows:

Attached is an amended abstract sheet that shows changes made to the abstract in response to the Office Action mailed December 9, 2004.